

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1 1-9. (Canceled)
- 1 10. (Previously Presented) The recording system of claim 15
1 wherein the control unit is also coupled to the film recorder, and
2 wherein the control unit is also configured to direct the film recorder to open and
3 close a shutter and to advance the film.
- 1 11. (Previously Presented) The recording system of claim 15 wherein
2 the video data is encoded in a display format selected from the group: NTSC, PAL, SECAM,
3 720p, 720i, 1080i, 1080p.
- 1 12. (Previously Presented) The recording system of claim of claim 15
2 wherein the video data is encoded in an encoding format selected from: Windows Media Video,
3 AVI, MPEG-1, MPEG-2, MPEG-4, MJPEG, DivX, QuickTime, RealMedia, H.261, and H.263.
- 1 13. (Canceled)
- 1 14. (Allowed) The recording system of claim 15 further comprising:
2 an external illumination source configured to illuminate the flat panel display in
3 order to enhance the static image displayed by the first digital imaging device;
4 wherein the external illumination source is selected from the group: LED, strobe
5 lamp, digital light projector.
- 1 15. (Allowed) A recording system comprising:
2 a first digital imaging device comprising an electronically addressable digital flat
3 panel display configured to display a first static digital image of a first video frame and a

4 successive second static digital image of a second digital video frame, said first static digital
5 image video frame being generated directly from source data representative of a first full digital
6 source image and said second static digital image video frame ~~data~~ being generated directly from
7 source data representative of a second full digital source image of a movie;

8 a control unit coupled to the flat panel display, said control unit being configured
9 to receive video data including the first digital data associated with the first video frame and the
10 second digital data associated with the second video frame, wherein the control unit is also
11 configured to determine the first video frame in response to the data associated with the first
12 video frame and configured to determine the second video frame in response to the data
13 associated with the second video frame, and wherein the control unit is also configured to drive
14 the flat panel display with the first video frame and the second video frame;

15 a film recorder configured to record, onto movie film media, the first and second
16 static digital images displayed on the flat panel display at a spatial resolution, color purity and
17 depth resolution conforming to that of the first full digital image and the second full digital
18 image; and

19 an adjustment mechanism coupled to the flat panel display and to the film
20 recorder, the adjustment mechanism configured to adjust the orientation of the flat panel display
21 relative to the film recorder in order to capture a succession of said first frame and said second
22 frame;

23 a second digital imaging device comprising a digital light projector device
24 coupled to the control unit, the digital light projector being configured to illuminate the back side
25 of the digital flat panel display;

26 wherein the control unit is also configured to drive the digital light projector with
27 the first video frame while the flat panel display is driven with the first video frame in order to
28 enhance location-specific brightness and color of the corresponding full digital static image
29 displayed by the first digital imaging device as photographed by the film recorder.

1 16. (Allowed) The recording system of claim 15 wherein a frame rate for the
2 digital source images is substantially similar to a frame rate for film.

17. (Canceled)

18. (Allowed) The method of claim 25 further comprising:

driving a digital light projector with the first data; and

projecting the first full digital static image onto a back side of the flat panel

display to thereby illuminate the flat panel display in order to enhance location-specific

brightness and color of the corresponding first full digital static image displayed by the first

digital imaging device as photographed by the film recorder.

19. (Allowed) The method of claim 25 further comprising illuminating at

least a portion of the flat panel display with a light source selected from the group: LEDs, strobe

lamps.

20. (Allowed) The method of claim 25 wherein the stream of video data is

encoded in a display format selected from the group: NTSC, PAL, SECAM, 720p, 720i, 1080i,

1080p.

21. (Allowed) The method of claim 25 wherein the stream of video data is

encoded in an encoding format selected from: Windows Media Video, AVI, MPEG-1, MPEG-2,

MPEG-4, MJPEG, DivX, QuickTime, RealMedia, H.261, and H.263.

22. (Allowed) The method of claim 25 wherein a frame rate for the stream of

video data compared to a frame rate for the film media is selected from the group: substantially

equal, greater, lesser.

23. (Allowed) (Allowed) The method of claim 25 further comprising:

a) further advancing the movie film media;

b) determining third data for a third image from the portion of the stream of
video data;

c) driving the flat panel display with the third data;

d) displaying the third image on the flat panel display in response to the second data;

e) recording the third image onto a third frame of the movie film media with the film camera;

f) repeating steps a)-f) for recording additional images onto subsequent frames of the film media; and

g) determining an approximate number of frames of the movie film media that are recorded; and

h) determining a cost for transferring the video data to film in response to the approximate number of frames.

24. (Canceled)

25. (Allowed) A method for transferring video data to movie film media on a frame-by-frame basis comprising:

providing a plurality of digital light projectors coupled to a control unit, the digital light projectors configured to jointly and severally illuminate flat panel displays with matched full digital static images;

receiving directly from a digital data source at least a portion of a stream of digital video data at the digital flat panel displays;

determining first data for a first full static digital image from the portion stream of video data;

driving the flat panel display with the first data corresponding to the first full static digital image;

displaying the first full static digital image on the digital flat panel display in response to the first data;

recording the first full static digital image onto a first frame of the movie film media with the film camera at a spatial and depth resolution substantially the same as that of the first full digital image;

advancing the film media;

18 determining second data for a second full static digital image from the portion of
19 the stream of video data;
20 driving the digital flat panel display with the second data corresponding to the
21 second full static digital image;
22 displaying the second full static digital image on the digital flat panel display in
23 response to the second data; and
24 recording the second full static digital image onto a second frame of film media
25 with the film camera at a spatial and depth resolution substantially the same as that of the second
26 full digital image as part of a continuous movie film
27 wherein the control unit is also configured to drive the digital light projectors with
28 the first video frame while the flat panel display is driven with the first video frame in order to
29 enhance location-specific brightness and color of the corresponding full digital static image
30 displayed by the first digital imaging device as photographed by the film recorder.

1 26. (Canceled)